What is claimed is:

1. A foil sealed lamp in which a lamp container made of transparent material, has at least one sealing portion made of molybdenum wherein a metallic foil is buried, a light emitting section which is connected to one end of the metallic foil and a lead rod extending outward and connected to other end of the metallic foil, wherein, in the sealing portion, a gap formed around a circumference portion of the lead rod is filled with sealing agent made of rubidium oxide or cesium oxide, and glass having boron oxide and bismuth oxide as principal components is coated on an outer end surface of the sealing portion so as to close the gap.

2. A foil sealed lamp in which a lamp container made of transparent material , has at least one sealing portion made of molybdenum wherein a metallic foil is buried, a light emitting section which is connected to one end of the metallic foil and a lead rod extending outward and connected to other end of the metallic foil, the foil sealed lamp, wherein in the sealing portion, a gap formed around a circumference portion of the lead rod is filled with an aqueous solution of rubidium nitrate or cesium nitrate, and a heat-treatment of the sealing portion is carried out so as to form sealing agent made of rubidium oxide or cesium oxide in the sealing portion, and glass having boron oxide and bismuth oxide as principal components is coated on an outer end surface of the sealing portion so as to close the gap.

3. A method of manufacturing a foil sealed lamp, the method comprising the following steps of:

filling a gap formed around a lead rod in a sealing portion with an aqueous solution of rubidium nitrate or cesium nitrate,

separating out rubidium nitrate or cesium nitrate by drying the aqueous solution,

coating an outer end surface of the sealing portion with glass powder having boron oxide and bismuth oxide as principal components so as to close the gap, and

pyrolyzing the rubidium nitrate and cesium nitrate in order to generate sealing agent made of rubidium oxide or cesium oxide by and, at the same time, melting the glass so as to form a blockage portion.